# Consolidate your consumption information in a single repository.

Ameresco's *Building Dynamics* Energy Management Software provides you with the analysis and energy intelligence to plan your projects and achieve immediate savings.

## Optimize the energy use in your building system and receive actionable information to help you develop and drive your energy master plan.
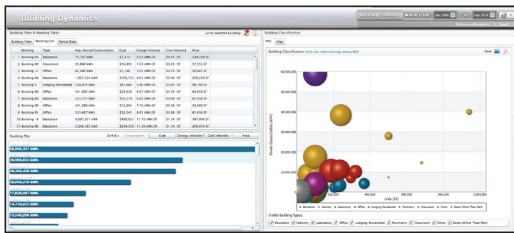


### Monitor Portfolio Consumption at a Single Repository

Easy-to-use portal brings the monitoring and reporting of the entire portfolio into a single place. This tracks multiple commodities: electric, gas, water, steam, and others. Benchmarking and Interval Data Analysis identifies opportunities for further consideration.
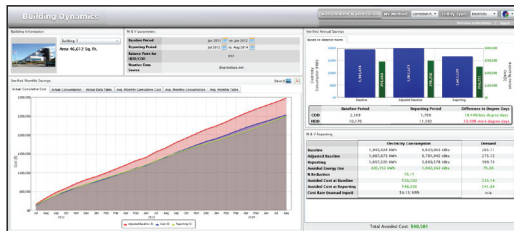


### Track Progress and Savings with Online M&V

The progress and achieved savings are continuously tracked with an online measurement and verification system. M&V can track savings at the building level and measure level to provide real-time visibility to savings and to help promote behavior change.



### Energy Management System Optimization

Automated analysis and supervision of Energy Management System set points and data to identify faults and other saving opportunities. This verifies the correct sequencing, schedules, and set points of mechanical equipment, including air handler units, chillers, heat exchangers, VAV boxes, fan coil units, and rooftop units.

# AMERESCO
Green • Clean • Sustainable

## Immediately save up to 40%, and skip repetitive tasks so you can focus on results.

### Simplify your **Reporting**

*Automate the collection of commodity consumption from all your buildings in one place.*

### Enhance your **Visibility**

*Understand where and how resources are spent.*

### Realize **Savings**

*Harvest operational savings, motivate behavior change and strategically plan your upgrades.*

## Ameresco's Building Dynamics offers a unique collection of capabilities to quickly enable your savings process.

- A self-configuring wireless sensing kit is used to supplement the collection of data
- Even buildings with an older or no Building Automation System can be quickly characterized
- Use behavior analytics and empirical data modeling to discover the optimal settings for your mechanical systems (schedules, set points, etc.)
- Understand the composition of your base load using patent-pending load disaggregation analysis
- Flexible reporting, alerts, and easy connection to other systems

## Case Study: The Adanti Student Center

**Challenge:** The Adanti Student Center is a 125,000 sq.ft. multi-purpose building on the Southern Connecticut State University (SCSU) campus. The building includes restaurants, computer rooms, a gym, classrooms, a theater, and various recreational spaces—and it is used 24/7. Although the building is relatively modern (commissioned in 2006), the building was noted for its high energy consumption.
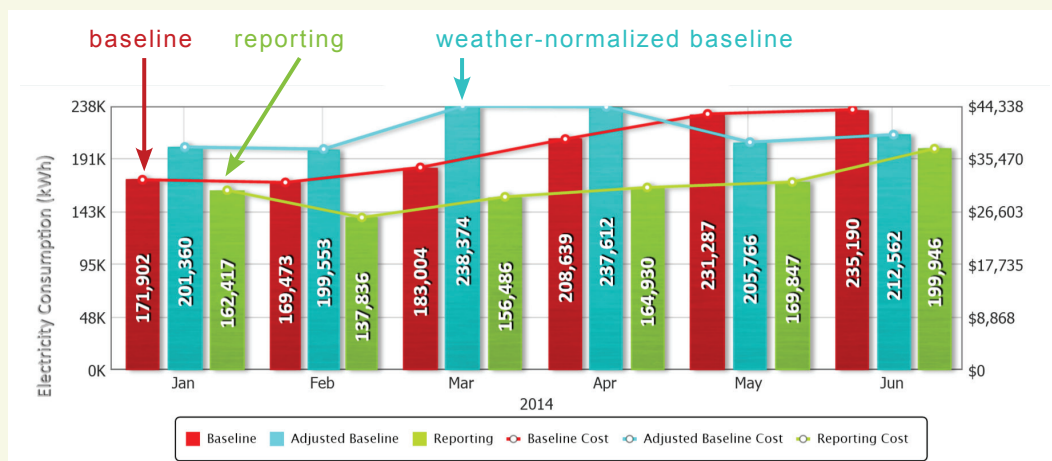


**Solution:** Building Dynamics was connected to the existing Building Automation System and was used to analyze more than 1,000 different BAS data points to automatically check the operating parameters of the building. The continuous analysis identified settings changes that were implemented to reduce consumption by 303,000 kWh (24% of the total consumption) in the first six months.

## Contact us today.

Let us help you reach your energy saving goals.

For more information, please call 866-263-7372 or email info@ameresco.com.